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MODIFICATION PROGRAM REVIEW

SYSTEM: MASK-CHEMICAL-BIOLOGICAL: FIELD M40, M40A1, M40A2

TITLE OF MWO: RETAINING CLAMP

MWO NUMBER: 3-4240-347-20-1

PURPOSE: TO ENHANCE DURABILITY OF THE M40 AND M42 SERIES PROTECTIVE MASKS BY INSTALLING A RETAINING CLAMP ON TO THE FACEPIECE WHICH WILL ELIMINATE THE POSSIBILITY OF THE SILICONE RUBBER SEPARATING FROM THE OUTLET VALVE HOUSING.

KIT AVAILABILITY: 4QFY98

METHOD OF APPLICATION: UNIT

MANHOURS PER APPLICATION: .133 HRS

CLASSIFICATION: URGENT

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	1,000,000	0	250,000	0
99	1,000,000		750,000	

REMARKS: MWOFPS WILL BE SENT IN MAY 1998.

POC: MRS. JENNIFER COOK, AMSTA-AC-NMR, DSN 793-7011

MODIFICATION PROGRAM REVIEW

SYSTEM: M249 SQUAD AUTOMATIC WEAPON (SAW)

TITLE OF MWO: BOLT REWORK

MWO NUMBER: 9-1005-201-30-3

MC NUMBER: 1-95-05-7916

PURPOSE: TO REDUCE THE INCIDENTS OF FAILURE TO FEED MALFUNCTIONS ON TRACER ROUNDS BY THE USE OF A MODIFIED BOLT. THE NEW BOLT HAS AN ANGLE MACHINED INTO THE BOLT FACE TO AID IN THE PROPER FEEDING OF THE AMMO INTO THE CHAMBER OF THE BARREL. ALL ASL/PLL MUST BE MODIFIED AT EACH LOCATION TO ELIMINATE MIXED INVENTORY AS BOLTS ARE NOT INTERCHANGEABLE.

KIT AVAILABILITY: INCREMENTAL DELIVERIES BEGAN 2QFY96 AND WILL CONTINUE THROUGH FY98.

KIT NSN: 1005-01-408-7920

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: .1 HR **DOWNTIME:** .2 HR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	12,657	1250	5500	4896
99	12,657		2500	

REMARKS: APPLICATION SCHEDULE DEPENDENT UPON EXPEDITIOUS RETURN OF DISPLACED BOLTS.

POC: MRS. JENNIFER COOK, AMSTA-AC-NMR, DSN 793-7011

MODIFICATION PROGRAM REVIEW

SYSTEM: M249 SQUAD AUTOMATIC WEAPON (SAW)

TITLE OF MWO: COCKING HANDLE PINS AND HOLES

MWO NUMBER: 9-1005-201-30-5

MC NUMBER: 1-90-05-7882

PURPOSE: TO FIX THE COCKING HANDLE PIN HOLE IN THE RECEIVER, REDUCE THE POSSIBILITY OF RECEIVER DAMAGE AND ENHANCE THE ABILITY TO REPAIR THE COCKING HANDLE. IN ADDITION A NEW HANDGUARD ASSEMBLY IS PROVIDED

KIT AVAILABILITY: ON HAND

KIT NSN: 1005-01-328-5869

METHOD OF APPLICATION: A TEAM FROM TACOM-ACALA WILL TRAIN LOCAL PERSONNEL ON THE APPLICATION OF THIS MWO USING A DRILLING FIXTURE WHICH WILL BE HANDED-OFF TO THE USER DURING APPLICATION OF MWO.

MANHOURS PER APPLICATION: .2 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	12,135	0	5500	5007
99	12,135		TBD	

REMARKS: FT. KNOX & FT. DRUM TENTATIVE FOR JUN/JUL. SCHEDULING IS LIMITED TO AVAILABILITY OF DRILLING FIXTURES.

POC: MRS. JENNIFER COOK, AMSTA-AC-NMR, DSN 793-7011

MODIFICATION PROGRAM REVIEW

SYSTEM: MOUNT, TRIPOD, MACHINE GUN, M122

TITLE OF MWO: MOUNT, TRIPOD, MACHINE GUN, 7.62MM, M122 (NSN 1005-00-710-5599) (EIC: 4EF)

MWO NUMBER: 9-1005-245-30-1

MC NUMBER: 1-97-05-7926

PURPOSE: TO CONVERT AN M122 MACHINE GUN TRIPOD MOUNT INTO AN M122A1 MACHINE GUN TRIPOD MOUNT.

KIT AVAILABILITY: KIT WILL NOT BE USED; MODIFICATION INTRODUCES ONLY ONE NEW PART, A FLEX MOUNT.

KIT NSN: N/A, SEE ABOVE. NSN FOR THE NEW FLEX MOUNT IS 1005-01-411-6340

METHOD OF APPLICATION: ACALA TEAM.

MANHOURS PER APPLICATION: .25 **DOWNTIME:** .25

CLASSIFICATION: ROUTINE

FY	TOTAL REQ	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
FY98	2000	488	712	408
FY99	2000		800	

REMARKS: MODIFICATION WILL BE APPLIED BY ACALA PERSONNEL IN CONJUNCTION WITH THE TPF OF THE M240B MACHINE GUN. MODIFICATION IS REQUIRED SO THAT MOUNT CAN BE USED WITH THE NEW M240B MACHINE GUN. FLEX MOUNT PART REQUIRED FOR THE MODIFICATION WILL BE SHIPPED WITH THE TOTAL PACKAGE SHIPMENTS FOR THE MACHINE GUN.

POC: MRS KATHLEEN JOHNSON, AMSTA-AC-NMR, DSN 793-0684.

MODIFICATION PROGRAM REVIEW

SYSTEM: M16A2 RIFLE

TITLE OF MWO: MODULAR WEAPON SYSTEM

MWO NUMBER: 9-1005-319-30-1

PURPOSE: THIS MODIFICATION IS TO CONVERT THE M16A2 RIFLE TO THE M16A4 RIFLE.

KIT AVAILABILITY: TBD

KIT NSN: TBD

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: .25 HRS **DOWNTIME:** .25 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	770			

REMARKS: PROGRAM WILL BEGIN IN FY99. ONLY ASSETS AT FT BENNING WILL BE CONVERTED. NEW PRODUCTION WILL BE TPF'D TO ALL OTHER LOCATIONS.

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: M203A1 GRENADE LAUNCHER

TITLE OF MWO: MODIFICATION OF M203A1 GRENADE LAUNCHER

MWO NUMBER: 9-1010-221-30-1

MC NUMBER: 1-97-05-7925

PURPOSE: TO ATTACH THE M203A1 GRENADE LAUNCHER TO THE M4/M4A1 CARBINES USING THE M203A1 COMPATIBILITY KIT.

KIT AVAILABILITY: 3QFY98

KIT NSN: 1010-01-435-0910

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: 1 HRS **DOWNTIME:** 1 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQ	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	7826		2500	0
99	7826		2500	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: MK64 MOUNT

TITLE OF MWO: AMMO CONTAINER BRACKET

MWO NUMBER: 9-1010-231-20-1

MC NUMBER: 1-92-05-7890

PURPOSE: TO REPLACE THE M548 AMMO CONTAINER BRACKET (PN 5830105) AND THE INTERIM AMMO CONTAINER BRACKET (PN 12926694) WITH THE MULTIPURPOSE AMMO CONTAINER BRACKET (PN 12929150)

KIT AVAILABILITY: NO LONGER AVAILABLE

KIT NSN: 5340-01-340-8471

METHOD OF APPLICATION: ORGANIZATIONAL

MANHOURS PER APPLICATION: .1 HRS **DOWNTIME:** .1 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	1387	679	708	0

REMARKS: ALL KNOWN REQUIREMENTS HAVE BEEN SHIPPED. PLEASE RETURN DA FORMS 2407 OR 5504.

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: MK64 MOUNT

TITLE OF MWO: MOD 9

MWO NUMBER: 9-1010-231-30-2

MC NUMBER: 1-94-05-7912

PURPOSE: TO MODIFY FIELDDED MK64 MOD 7 MOUNTS INTO MK64 MOD 9 MOUNTS TO INCREASE PERFORMANCE AND REDUCE DEFICIENCIES.

KIT AVAILABILITY: 3QFY98

KIT NSN: 1010-01-413-2515

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: .5 HR **DOWNTIME:** 1 HR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	12654	0	4235	34
99	12654		8419	

REMARKS: PARTIAL SHIPMENT OF KITS WAS MADE TO FT. BRAGG

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: M119A1 HOWITZER

TITLE OF MWO: M119A1 HOWITZER BLOCK 1 MODIFICATION

MWO NUMBER: 9-1015-252-40-2

PURPOSE: PROCEDURES FOR MODIFYING THE M119A1 HOWITZER WITH THE LIGHT ARTILLERY SYSTEM IMPROVEMENT PLAN (LASIP) BLOCK 1 MODIFICATIONS. THESE MODIFICATIONS ARE A GROUP OF IMPROVEMENTS TO INCREASE PERFORMANCE AND RELIABILITY AND REDUCE COSTS.

KIT AVAILABILITY: INDIVIDUAL COMPONENTS CURRENTLY BEING PROCURED.

KIT NSN: NO KIT – PARTS APPLICABLE TO EACH INSTALLATION WILL BE PACKAGED AND SENT IN A MILVAN.

METHOD OF APPLICATION: ACALA TEAM

MANHOURS PER APPLICATION: 50 HRS (6 OR 8 ON TEAM)

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	425	0	0	0
99	425	0	223	

REMARKS: WILL START IN FY99. BUYING HARDWARE – WILL BE DELIVERED TO RIA & ASSEMBLED INTO PACKAGES. EACH INSTALLATION WILL GET DIFFERENT HARDWARE, DEPENDING ON HOWITZER CONFIGURATION.

POC: MRS. KATHLEEN JOHNSON, AMSTA-AC-NMR, DSN 793-0684

MODIFICATION PROGRAM REVIEW

SYSTEM: MINE CLEARING LINE CHARGE (MICLIC)

TITLE OF MWO: MODIFICATION OF TRAILER MOUNTED LINE CHARGE LAUNCHER KIT

MWO NUMBER: 9-1375-215-30-1

MC NUMBER: 1-83-08-1041

PURPOSE: ADDITION OF THE ELECTROMECHANICAL TRAILER DISCONNECT AND HYDRAULIC CONTROL SOLENOID VALVE WILL IMPROVE SYSTEM SAFETY BY ALLOWING THE CREW TO OPERATE THE MICLIC SYSTEM FROM WITHIN THE TOWING VEHICLE TO AVOID EXPOSING PERSONNEL TO ENEMY FIRE AND TO ENHANCE SYSTEM CAPABILITY.

KIT AVAILABILITY: ON HAND

KIT NSN: 1005-01-338-4753

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: 7 HRS **DOWNTIME:** 8 HRS
SOME DISASSEMBLY

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	695	143	552	0

REMARKS: ALL KNOWN REQUIREMENTS HAVE BEEN SHIPPED. PLEASE RETURN 2407S/5504S. POC FOR MWO KIT INFORMATION IS PAT HENDERKOTT, DSN 793-5680.

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: PRECISION LIGHTWEIGHT GLOBAL POSITIONING SYSTEM RECEIVER

MWO NUMBER: 9-2350-314-20-4

MC NUMBER: 1-81-05-1002

PURPOSE: TO ADD A PRECISION, LIGHTWEIGHT, GLOBAL POSITIONING SYSTEM RECEIVER (PLGR). THE PLGR WILL PROVIDE POSITION, VELOCITY, AND TIME INFORMATION TO THE USER AND TO THE PALADIN AUTOMATIC FIRE CONTROL SYSTEM.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: 2 HRS **DOWNTIME:** 2 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	489	290	150	73
99	489		49	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: HYDRAULIC FILL PORT

MWO NUMBER: 9-2350-314-20-5

MC NUMBER: 1-81-05-1002

PURPOSE: TO MODIFY THE HYDRAULIC FILL PORT. THE MODIFICATION WILL MAKE CONNECTING THE HAND PUMP ASSEMBLY TO THE VEHICLE HYDRAULIC SYSTEM EASIER.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HRS **DOWNTIME:** .8 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	285	280	5	0

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: ACCUMULATOR FILL PORT

MWO NUMBER: 9-2350-314-20-6

MC NUMBER: 1-81-05-1002

PURPOSE: TO MOVE THE ACCUMULATOR/EQUILIBRATOR CHARGE VALVE. MOVING THE VALVE WILL MAKE IT MORE ACCESSIBLE FOR CHARGING. WHEN THE CHARGE VALVE IS IN ITS NEW LOCATION, IT WILL BE ACCESSIBLE THROUGH THE HYDRAULIC COMPARTMENT DOOR.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HRS **DOWNTIME:** .9 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	338	291	6	0
99	338		41	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: M93 MUZZLE VELOCITY SYSTEM

MWO NUMBER: 9-2350-314-20-7

MC NUMBER: 1-81-05-1002

PURPOSE: THIS MWO PRESCRIBES PROCEDURES FOR INSTALLING THE PALADIN UNIQUE M93 MUZZLE VELOCITY SYSTEM (MVS) ON A M109A6 SELF-PROPELLED HOWITZER. THE MVS WILL MEASURE THE SPEED OF PROJECTILES FIRED FROM THE HOWITZER. THE MVS WILL PROCESS ITS OWN DATA AND PROVIDE THE INFORMATION TO THE AFCS. THE AFCS WILL USE THE INFORMATION TO PROVIDE MORE ACCURATE TARGETING SOLUTIONS.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HOUR **DOWNTIME:** .5

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	518	64	290	70
99	518		164	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: ADVANCED BORE EVACUATOR

MWO NUMBER: 9-2350-314-20-8

MC NUMBER: 1-81-05-1002

PURPOSE: THIS MWO PRESCRIBES PROCEDURES FOR REPLACING BORE EVACUATOR, PART NUMBER 11578385, WITH ADVANCED BORE EVACUATOR ASSEMBLY, PN 11580776. THE ADVANCED BORE EVACUATOR ASSEMBLY WILL MORE EFFICIENTLY EVACUATE FUMES FROM THE TUBE BORE. THE ADVANCED BORE EVACUATOR ALSO PROVIDES IMPROVED RELIABILITY AND MAINTAINABILITY.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HOURS **DOWNTIME:** 1 HOUR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	376	50	172	63
99	376		154	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: PULSE ACCUMULATOR BRACKET

MWO NUMBER: 9-2350-314-20-9

MC NUMBER: 1-81-05-1002

PURPOSE: THE PULSE ACCUMULATOR IS MOUNTED TO THE HYDRAULIC COMPARTMENT WALL OF THE M109A6 SELF-PROPELLED HOWITZER WITH A MOUNTING PLATE AND TWO LOOP CLAMPS. FATIGUE HAS CAUSED THE CURRENT LOOP CLAMPS TO BREAK. THE UNRESTRAINED ACCUMULATOR HAS DAMAGED OTHER HYDRAULIC COMPONENTS. THIS MWO PRESCRIBES PROCEDURES FOR REPLACING THE CURRENT MOUNTING PLATE AND LOOP CLAMPS WITH A NEW BRACKET AND NEW CLAMPS. THE NEW LOOP CLAMP WILL RESIST BREAKING BETTER THAN THE OLD ONES.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HOUR **DOWNTIME:** .25 HOUR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	570	191	202	150
99	570		177	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: SEGMENT BOARD CLEANING MECHANISM

MWO NUMBER: 9-2350-314-20-10

MC NUMBER: 1-81-05-1002

PURPOSE: THIS MWO PRESCRIBES PROCEDURES FOR INSTALLING A SEGMENT BOARD CLEANING MECHANISM. THE SEGMENT BOARD CLEANING MECHANISM IS A PERMANENTLY INSTALLED ASSEMBLY THAT MAKES CLEANING THE SEGMENT BOARD EASIER.

KIT AVAILABILITY: AWAITING DELIVERY

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .50 **DOWNTIME:** .75

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	645	0	211	2
99	645		434	

REMARKS: THE TWO THAT HAVE BEEN DONE ARE PROTOTYPE KITS.

POC: JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: RAMMER

MWO NUMBER: 9-2350-314-30-2

MC NUMBER: 1-81-05-1002

PURPOSE: ADDS A RAMMER STOP TO THE RAMMER. THE RAMMER STOP WILL PREVENT DAMAGE TO THE RAMMER IN THE EVENT OF AN ACCIDENTAL RAM WHILE THE RAMMER IS OFF OF THE TRAY. ALSO, REPLACES THE CURRENT RAMMER HOSE RETAINER WITH A MORE DURABLE ONE.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HRS **DOWNTIME:** .8 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	573	242	261	128
99	573		70	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: GUNNER'S ESCAPE HATCH DOOR

MWO NUMBER: 9-2350-314-30-3

MC NUMBER: 1-81-05-1002

PURPOSE: THIS MWO PRESCRIBES PROCEDURES FOR REMOVING THE HINGES THAT ARE WELDED TO THE GUNNER'S ESCAPE HATCH DOOR AND REPLACING THEM WITH BOLT-ON HINGES. THE NEW BOLT-ON HINGES WILL BE ATTACHED TO THE DOOR IN NEW LOCATIONS. THE CURRENT HINGES INTERFERE WITH THE MICROCLIMATE CONTROL SYSTEM INTAKE GRILLE AND THE BUMPER ASSEMBLY MOUNTED ON THE GRILLE.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: 1 HOUR **DOWNTIME:** 2 HOURS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	287	268	5	5
99	287		14	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSMC-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: REMOTED TARGET SYSTEM (RETS)

TITLE OF MWO: ARMOR MOVING TARGET CARRIER (AMTC) ASSEMBLY
HYDRAULIC SYSTEM OF AMTC CARRIER UNIT

MWO NUMBER: 9-6920-742-30-2

MC NUMBER: 1-94-05-7910

PURPOSE: TO REPLACE TWO PARTS OF THE TUBING ASSEMBLY ON THE AMTC HYDRAULIC SYSTEM. EXISTING RIGID METAL TUBES ARE BREAKING BULKHEAD FITTINGS DUE TO VIBRATION. REPLACEMENT OF THESE PARTS WILL PREVENT THE LEAKS AND SPILLS WHICH HAVE AN ENVIRONMENT IMPACT AND REQUIRE CLEAN UP.

KIT AVAILABILITY: ALL KITS HAVE BEEN SHIPPED.

KIT NSN: 6920-01-394-3455

METHOD OF APPLICATION: DIRECT SUPPORT

MANHOURS PER APPLICATION: 2 HRS **DOWNTIME:** 2 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	238	54	184	0

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: M157 SMOKE GENERATOR SET

TITLE OF MWO: MODIFICATION OF M157 SMOKE GENERATOR SET (SGS), W/80 GALLON FOG OIL TANK (1040-01-293-5496) (EIC 5CE) AND W/120 GALLON FOG OIL TANK (NSN 1040-01-206-0147)(EIC 5CD)

MWO NUMBER: 3-1040-279-50-1

MC NUMBER: 1-91-08-7386

PURPOSE: TO CONVERT THE M157 SMOKE GENERATOR SET (SGS), MOUNTED ON THE M998/M1037 AND M1097 HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLE (HMMWV) INTO THE M157A2 MULTIFUEL SGS, CAPABLE OF USING JP5, JP8, DF1, DF2 AND DFA. THE M157A2 SGS WILL ALSO INCORPORATE CHANGES THAT WILL RESULT IN VISUAL SMOKE PRODUCTION TO 1.5 HRS AND IN MORE RELIABLE LOW TEMPERATURE (BELOW 45 DEG F) STARTS AND HOT RESTARTS.

KIT AVAILABILITY: AVAILABLE

KIT NSN: 1040-01-414-3177

METHOD OF APPLICATION: CBDCOM/ACALA TEAM

MANHOURS PER APPLICATION: 16 HRS (2 PERSONNEL) **DOWNTIME:** 8 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	337	27	64	48

REMARKS: THIS UPGRADE TO THE M157A2 SGS WILL BE PERFORMED BY EXCHANGING THE M54 SMOKE GENERATORS AND MOUNTING BRACKETS, AIR COMPRESSOR MOUNTING PLATE AND BY THE MODIFYING/RELOCATING OF THE FOG OIL PUMP ASSEMBLY AND GENERATOR FUEL DELIVERY SYSTEM.

POC: MRS. KATHLEEN JOHNSON, AMSTA-AC-NMR, DSN 793-0684

MODIFICATION PROGRAM REVIEW

SYSTEM: M157 SMOKE GENERATOR SET

TITLE OF MWO: MODIFICATION OF M157 SMOKE GENERATOR SET (SGS),
W/120 GALLON FOG OIL TANK (NSN 1040-01-206-0147)

MWO NUMBER: 3-1040-279-50-2

MC NUMBER: 1-97-08-8002

PURPOSE: TO CONVERT THE M157 SMOKE GENERATOR SET (SGS), MOUNTED ON THE M113 SERIES ARMORED PERSONNEL CARRIER (APC) M1059 SMOKE GENERATOR CARRIER (SGC) INTO THE M157A2 MULTIFUEL SGS, CAPABLE OF USING MOGAS, JP4, JP5, JP8, DF1, DF2 AND DFA. THE M157A2 SGS WILL ALSO INCORPORATE CHANGES THAT WILL RESULT IN VISUAL SMOKE PRODUCTION TO 1.5 HRS AND IN MORE RELIABLE LOW TEMPERATURE (BELOW 45 DEG F) STARTS AND HOT RESTARTS.

KIT AVAILABILITY: AVAILABLE

KIT NSN: 1040-01-414-3176

METHOD OF APPLICATION: CBDCOM/ACALA TEAM

MANHOURS PER APPLICATION: 14 (2 PERSONNEL) **DOWNTIME:** 7.0 HOURS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	118	28	51	43

REMARKS: THIS UPGRADE TO THE M157A2 SGS WILL BE PERFORMED BY EXCHANGING THE M54 SMOKE GENERATORS FOR M54A2 SGS, MODIFICATION OF THE FOG OIL PUMP ASSEMBLY AND AIR PRESSURE TANK. FUEL/WATER SEPARATORS ARE MOUNTED ON EACH ARMOR SHIELD ASSEMBLY, ONE FOR EACH M54A2 SG.

POC: MRS. KATHLEEN JOHNSON, AMSTA-AC-NMR, DSN 793-0684

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: VEHICULAR INTERCOMMUNICATIONS SYSTEM

MWO NUMBER: 9-2350-314-50-1

MC NUMBER: 1-81-05-1002

PURPOSE: TO REPLACE THE INTERCOMMUNICATIONS SET AN/VIV-1 WITH THE VEHICULAR INTERCOMMUNICATIONS SYSTEM (VIS) AN/VIC-3(V)6. THE AN/VIC-3(V)6 IMPROVES VEHICLE COMMUNICATION AMONG CREW MEMBERS BY USING: AUDIO FEEDBACK WITHIN THE HELMETS, TO REDUCE NOISE INTERFERENCE; ADVANCED TECHNOLOGY, TO INCREASE AUDIO CLARITY; A LOOP CIRCUIT DESIGN, TO PREVENT THE ENTIRE SYSTEM FROM MALFUNCTIONING IN THE EVENT ONE CABLE OF A CREWSTATION BECOMES INOPERATIVE; AND BUILT-IN-TEST EQUIPMENT, TO DIAGNOSE AND TROUBLESHOOT ANY PROBLEMS WITHIN THE VIS.

KIT AVAILABILITY: KITS AVAILABLE

KIT NSN: 5830-01-395-4093

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS: 5 HRS **DOWNTIME:** 8 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	342	286	56	4

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: MOUNTED WATER RATION HEATER

MWO NUMBER: 9-2350-314-50-2

MC NUMBER: 1-81-05-1002

PURPOSE: TO ADD A MOUNTED WATER RATION HEATER (MWRH) TO THE M109A6 SELF-PROPELLED HOWITZER. THE MWRH WILL PROVIDE SOLDIERS WITH HOT OR WARM WATER.

KIT AVAILABILITY: KITS AVAILABLE

KIT NSN: 2510-01-413-7218

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: 1 HR

DOWNTIME: 1 HR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	372	330	31	3
99	372		11	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: DYNAMIC REFERENCE UNIT

MWO NUMBER: 9-2350-314-50-3

MC NUMBER: 1-81-05-1002

PURPOSE: TO REPLACE THE DYNAMIC REFERENCE UNIT (DRU) WITH THE DYNAMIC REFERENCE UNIT HYBRID (DRU-H). THE DRU-H WILL INCORPORATE GLOBAL POSITIONING SYSTEM (GPS) TECHNOLOGY.

KIT AVAILABILITY: KITS AVAILABLE

METHOD OF APPLICATION: PM PALADIN TEAM

MANHOURS PER APPLICATION: .5 HRS

DOWNTIME: .5 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	295	289	4	4
99	295		2	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN , HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: AUTOMATIC FIRE CONTROL SYSTEM XXI COMPUTER UNIT

MWO NUMBER: 9-2350-314-50-5

MC NUMBER: 1-81-05-1002

PURPOSE: PRESCRIBES PROCEDURES FOR REPLACING THE COMMUNICATIONS PROCESSOR, BALLISTIC COMPUTER/WEAPON CONTROLLER, AND CONTROL UNIT WITH THE AUTOMATIC FIRE CONTROL SYSTEM (AFCS)XXI COMPUTER UNIT (ACU).

KIT AVAILABILITY: AVAILABLE

KIT NSN: N/A

METHOD OF APPLICATION: PALADIN TEAM

MANHOURS PER APPLICATION: 1 HR **DOWNTIME:** 2 HR

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	590	2	268	160
99	590		320	

REMARKS:

POC: MRS. JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609

MODIFICATION PROGRAM REVIEW

SYSTEM: PALADIN, HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6

TITLE OF MWO: M3 INTERLOCK

MWO NUMBER: 9-2350-314-50-6

MC NUMBER: 1-81-05-1002

PURPOSE: PRESCRIBES PROCEDURES FOR INSTALLING AN INTERLOCK WHICH WILL PREVENT THE FOUR CAB-MOUNTED M3 HEATERS FROM OPERATING IF THE LOW AIR FLOW MODE IS NOT SELECTED ON THE MCS CONTROL PANEL. THE INTERLOCK WILL PREVENT DAMAGE TO THE FOUR CAB-MOUNTED M3 HEATERS. THE DRIVER'S M3 HEATER WILL NOT BE PROTECTED BY THE INTERLOCK; THEREFORE, THIS MWO ALSO PRESCRIBES PROCEDURES FOR APPLYING A WARNING PLATE TO THE DRIVE'S M3 HEATER.

KIT AVAILABILITY: KITS AVAILABLE

KIT NSN:

METHOD OF APPLICATION:

MANHOURS PER APPLICATION: 1.2 HRS

DOWNTIME: 2 HRS

CLASSIFICATION: ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
98	296	291	0	0
99	296		5	

REMARKS:

POC: MRS JEANNETTE MORPHEW, AMSTA-AC-NMR, DSN 793-0609.